

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073120\
 Data File : BP002898.D
 Acq On : 31 Jul 2020 18:16
 Operator : CG/JU
 Sample : L3518-23
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 31 18:52:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 15:30:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	526677	20.00	ng	0.00
21) Naphthalene-d8	10.49	136	2065587	20.00	ng	0.00
39) Acenaphthene-d10	14.35	164	1206895	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	2488968	20.00	ng	0.00
76) Chrysene-d12	21.20	240	2067051	20.00	ng	0.00
86) Perylene-d12	23.46	264	1752822	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.33	112	4112577	119.51	ng	0.00
7) Phenol-d6	6.89	99	4778278	100.01	ng	0.00
23) Nitrobenzene-d5	8.86	82	3617961	94.87	ng	0.00
42) 2,4,6-Tribromophenol	15.85	330	2152153	143.47	ng	0.00
45) 2-Fluorobiphenyl	12.97	172	7351365	83.22	ng	0.00
79) Terphenyl-d14	19.69	244	9689959	93.85	ng	0.00

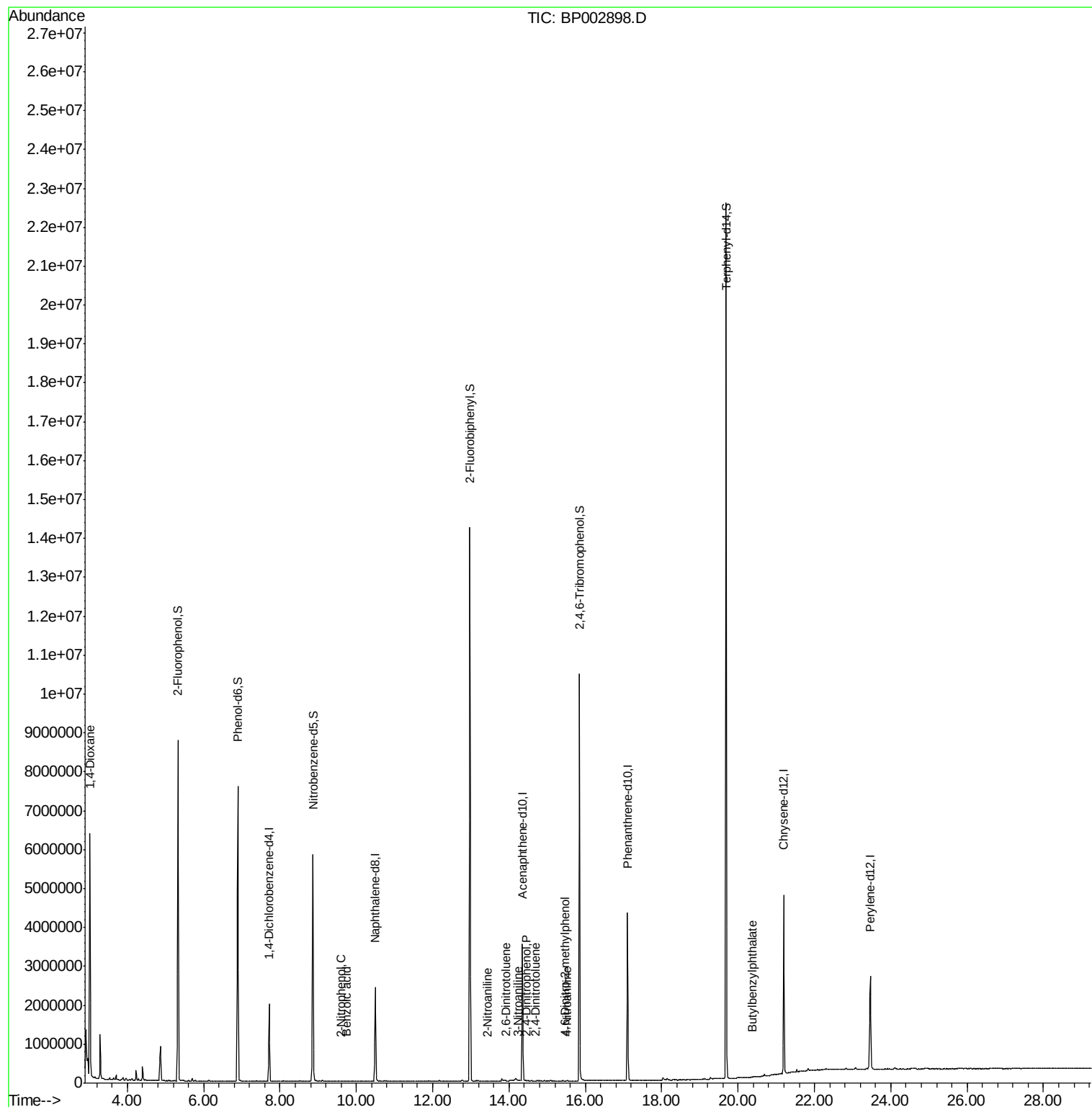
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.02	88	63628	4.307	ng	# 1
26) 2-Nitrophenol	9.59	139	81	4.525	ng	# 1
32) Benzoic acid	9.75	122	5647	7.933	ng	97
48) 2-Nitroaniline	13.43	65	71	3.975	ng	# 45
51) 2,6-Dinitrotoluene	13.91	165	226	2.909	ng	# 28
53) 3-Nitroaniline	14.23	138	93	3.277	ng	# 1
54) 2,4-Dinitrophenol	14.44	184	20	8.059	ng	# 1
57) 2,4-Dinitrotoluene	14.71	165	226	3.813	ng	# 89
62) 4-Nitroaniline	15.51	138	63	2.419	ng	# 85
65) 4,6-Dinitro-2-methylphenol	15.47	198	22	6.902	ng	# 1
80) Butylbenzylphthalate	20.36	149	561	3.067	ng	# 31

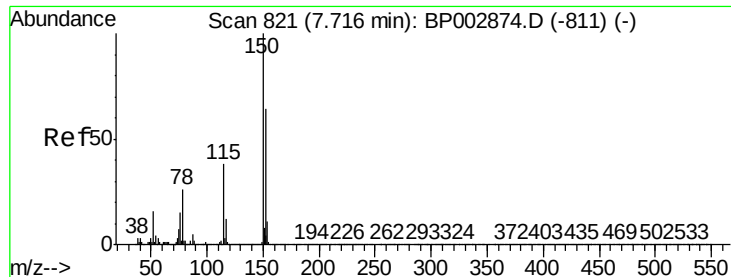
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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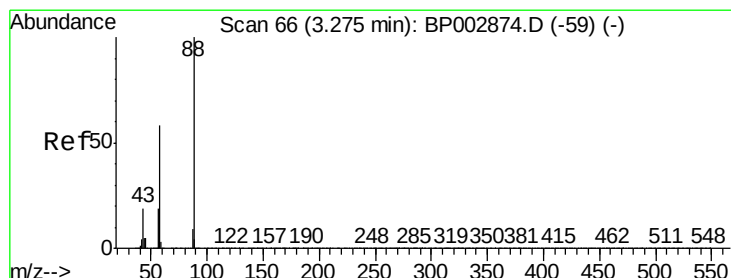
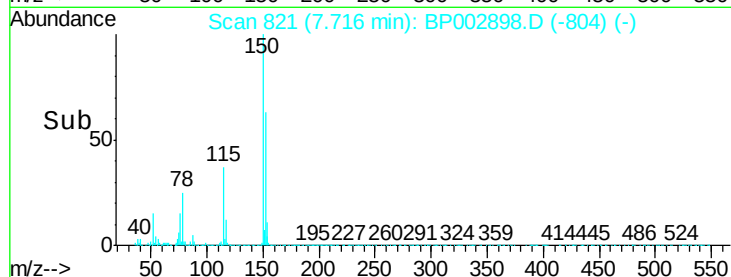
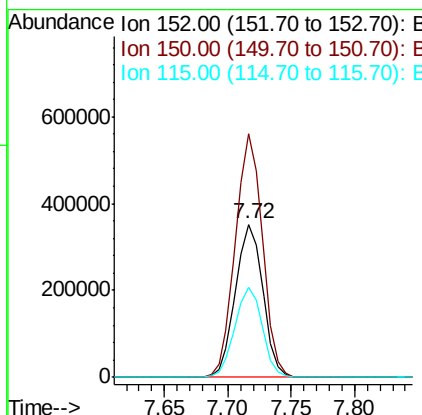
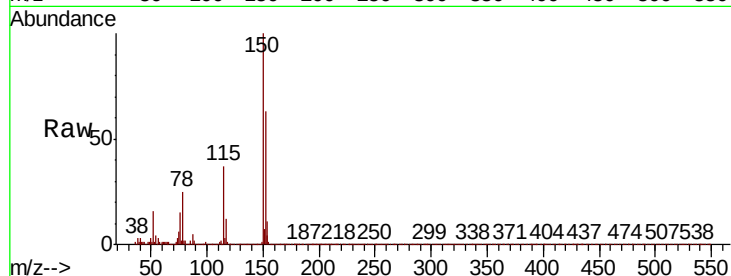


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 821
Delta R.T. -0.00 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Instrument :
BNA_P
ClientSampleId :

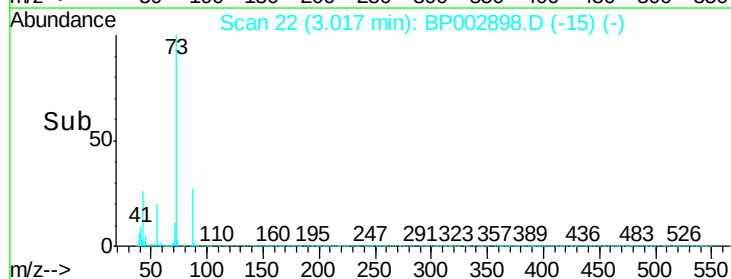
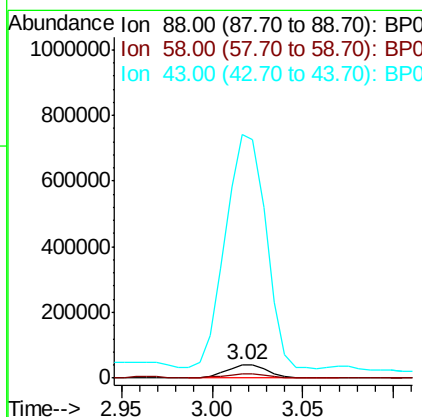
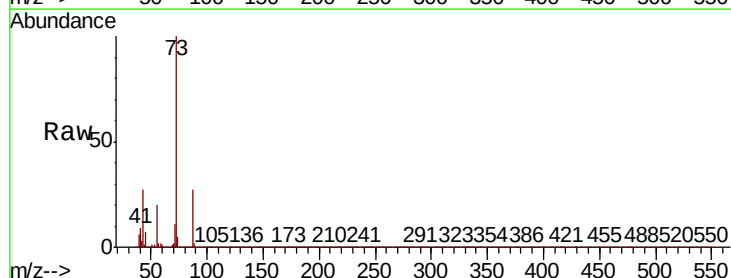
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.8	187.2
115	58.9	47.4	71.2

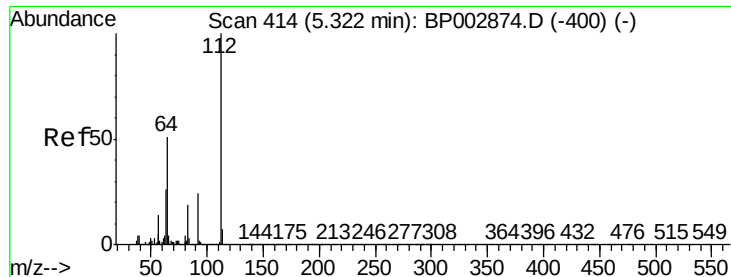


#2

1,4-Dioxane
Concen: 4.307 ng
RT: 3.02 min Scan# 22
Delta R.T. -0.26 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	25.1	47.4	71.0#
43	1736.9	15.2	22.8#





#5

2-Fluorophenol

Concen: 119.509 ng

RT: 5.33 min Scan# 415

Delta R.T. 0.01 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Instrument :

BNA_P

ClientSampleId :

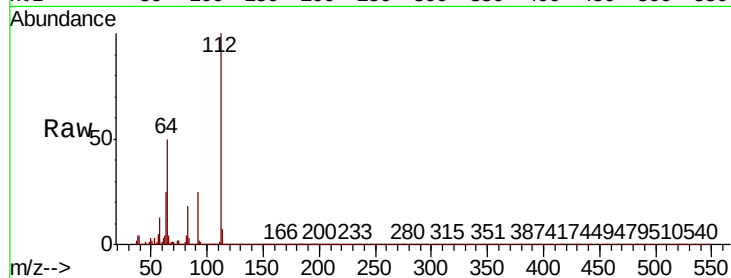
Tot Ion: 112 Resp: 4112577

Ion Ratio Lower Upper

112 100

64 50.3 41.0 61.6

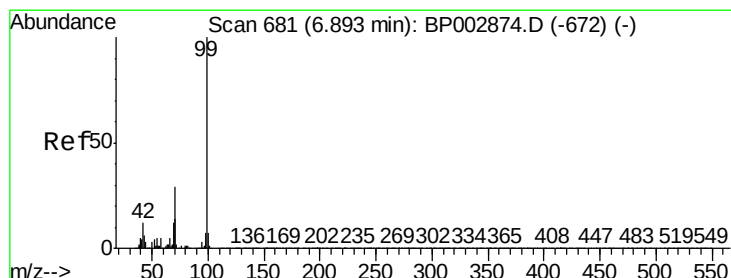
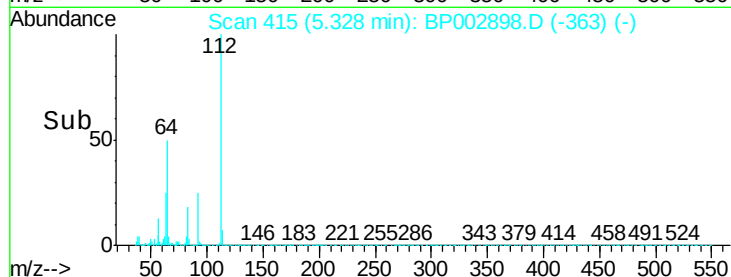
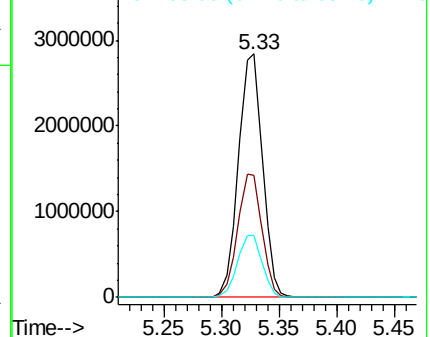
63 25.4 20.7 31.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0



#7

Phenol-d6

Concen: 100.012 ng

RT: 6.89 min Scan# 681

Delta R.T. -0.00 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

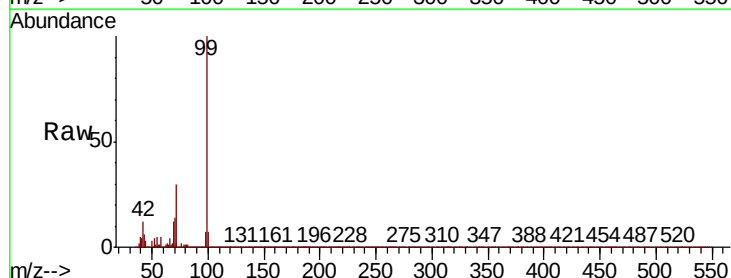
Tgt Ion: 99 Resp: 4778278

Ion Ratio Lower Upper

99 100

42 11.7 9.3 13.9

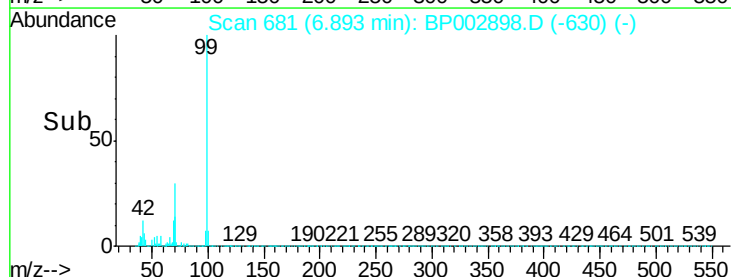
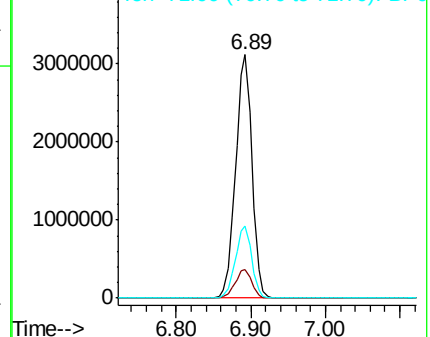
71 29.7 23.5 35.3

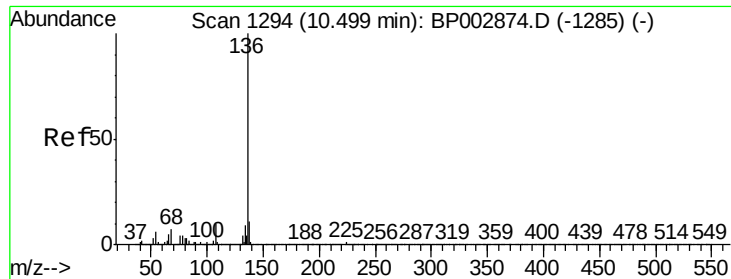


Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0

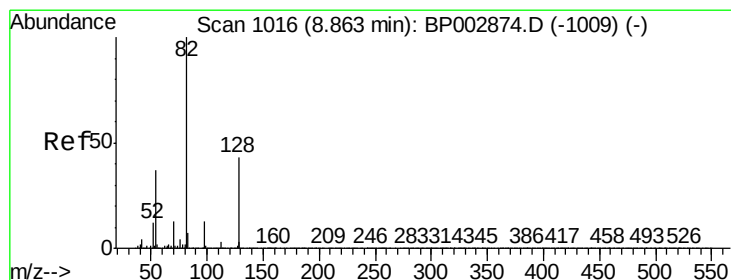
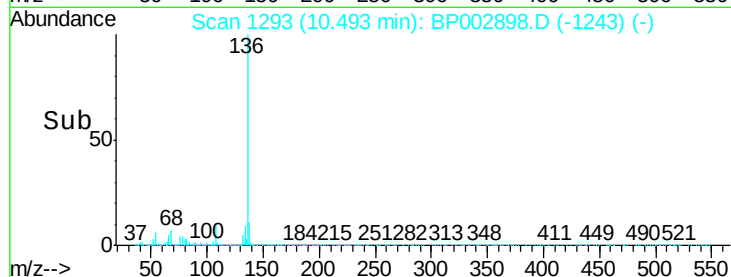
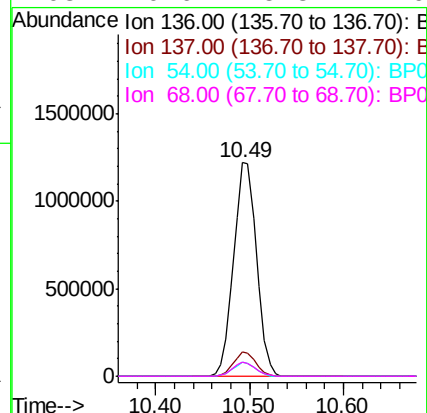
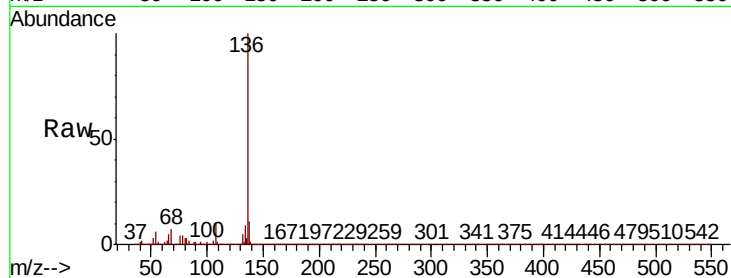




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

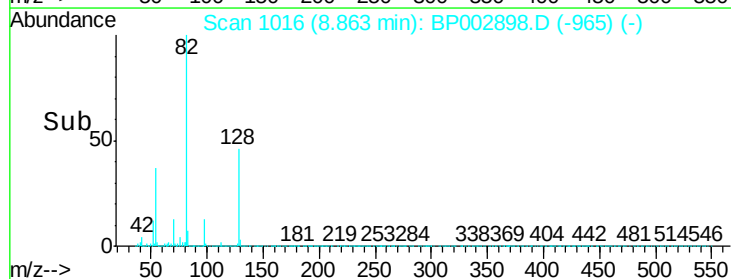
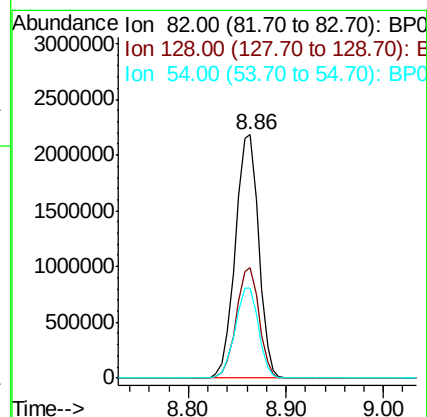
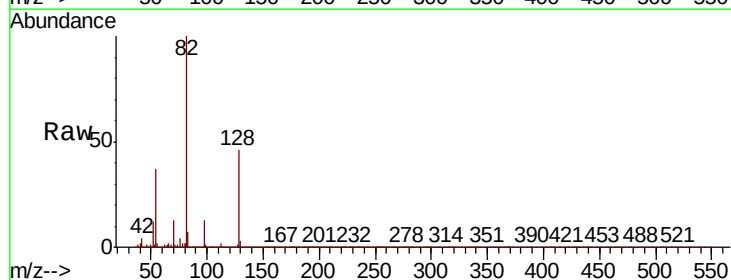
Instrument :
BNA_P
ClientSampleId :

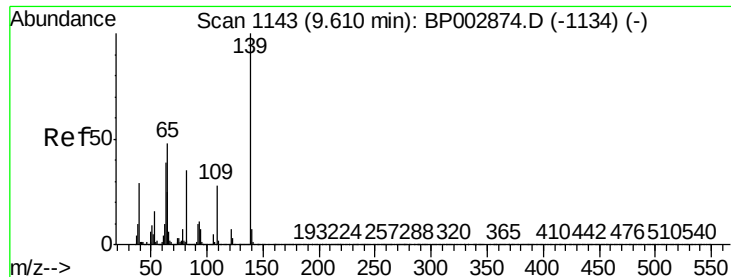
Tot Ion:136	Resp: 2065587
Ion Ratio	Lower Upper
136 100	
137 11.4	8.6 13.0
54 6.3	5.1 7.7
68 6.6	5.3 7.9



#23
Nitrobenzene-d5
Concen: 94.868 ng
RT: 8.86 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion: 82	Resp: 3617961
Ion Ratio	Lower Upper
82 100	
128 45.6	34.6 52.0
54 36.9	29.5 44.3

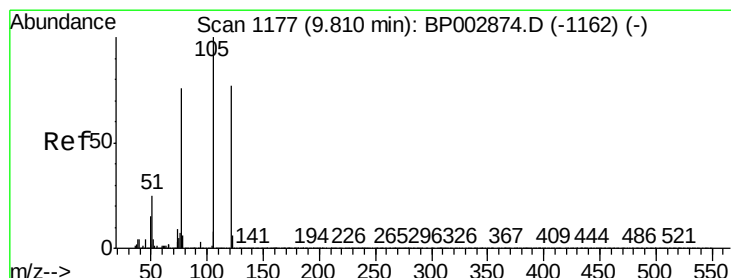
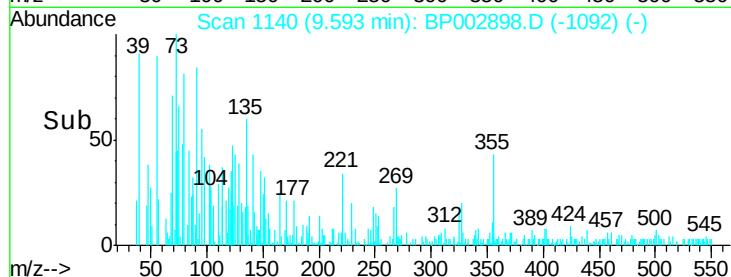
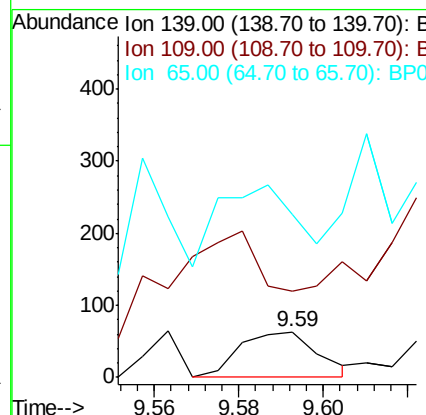
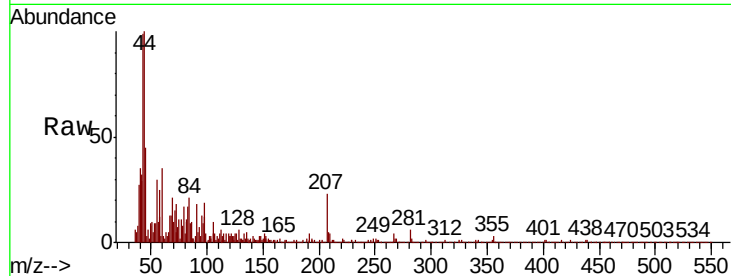




#26
2-Nitrophenol
Concen: 4.525 ng
RT: 9.59 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

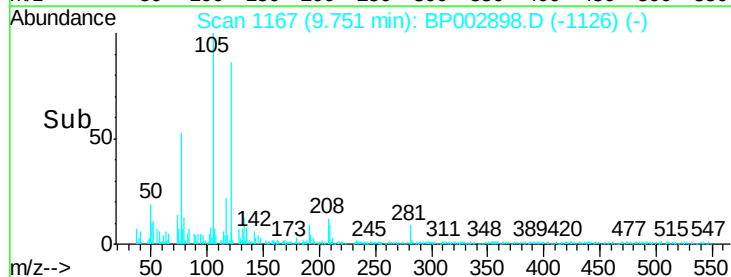
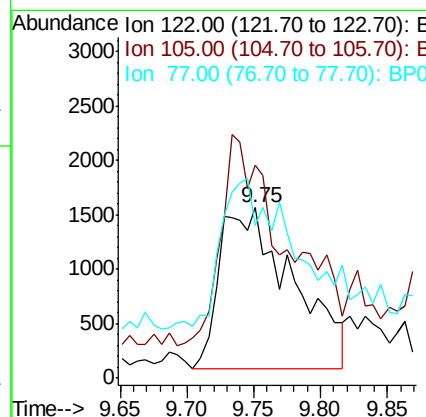
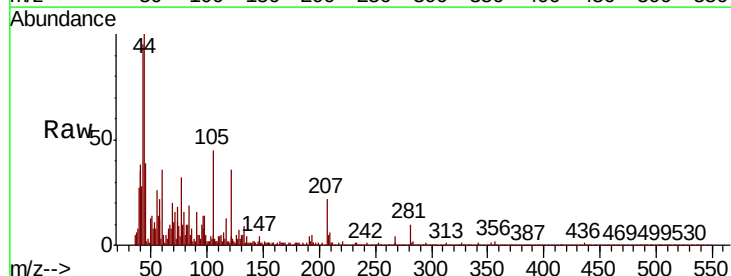
Instrument :
BNA_P
ClientSampled :

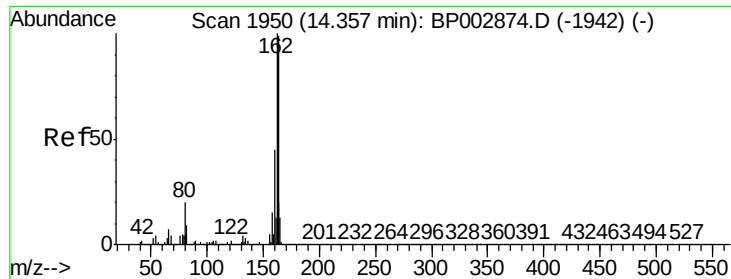
Tot Ion:139 Resp: 81
Ion Ratio Lower Upper
139 100
109 158.7 22.2 33.2#
65 302.7 38.9 58.3#



#32
Benzoic acid
Concen: 7.933 ng
RT: 9.75 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion:122 Resp: 5647
Ion Ratio Lower Upper
122 100
105 124.9 103.4 143.4
77 89.5 74.6 114.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.35 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Instrument :

BNA_P

ClientSampled :

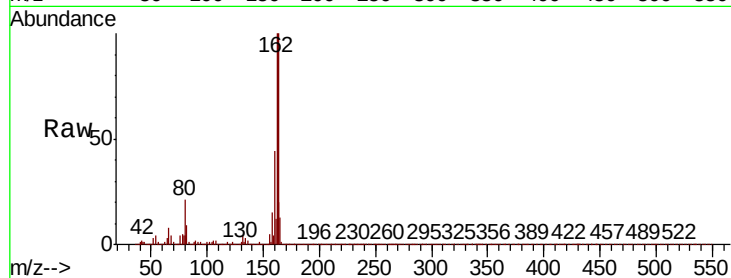
Tot Ion:164 Resp: 1206895

Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.6

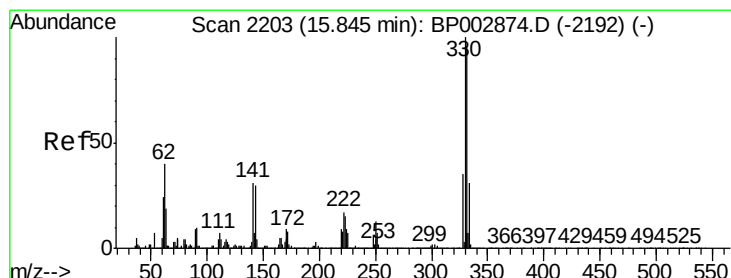
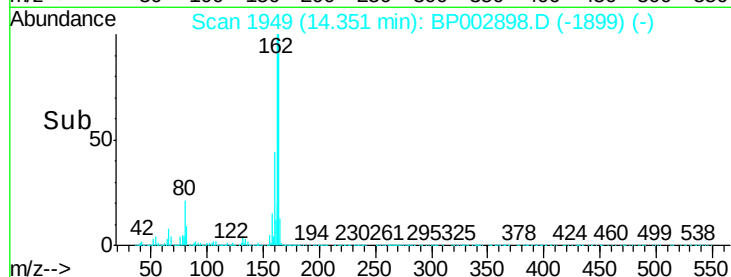
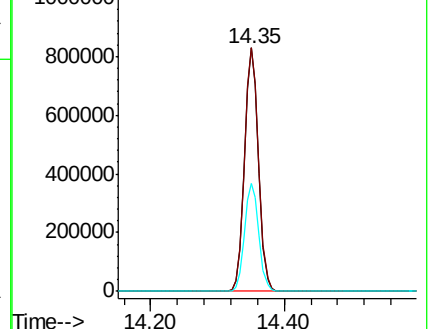
160 44.5 36.2 54.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 143.474 ng

RT: 15.85 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

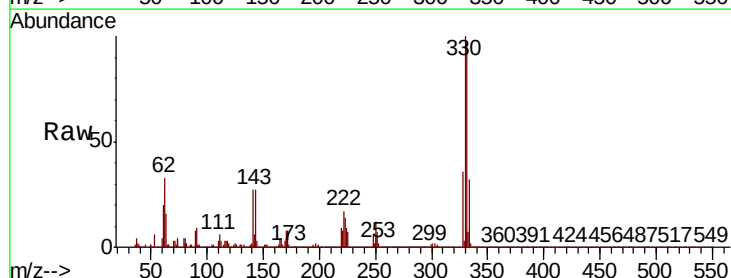
Tgt Ion:330 Resp: 2152153

Ion Ratio Lower Upper

330 100

332 96.5 77.1 115.7

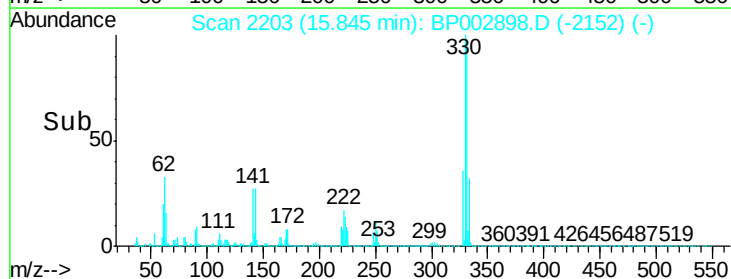
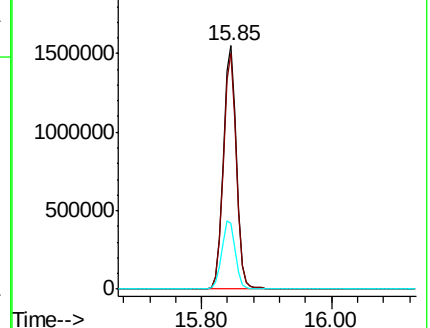
141 29.2 24.6 37.0

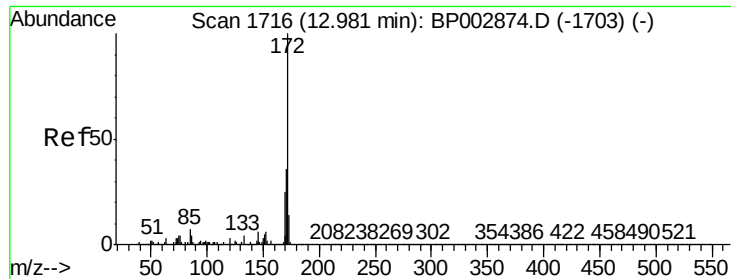


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

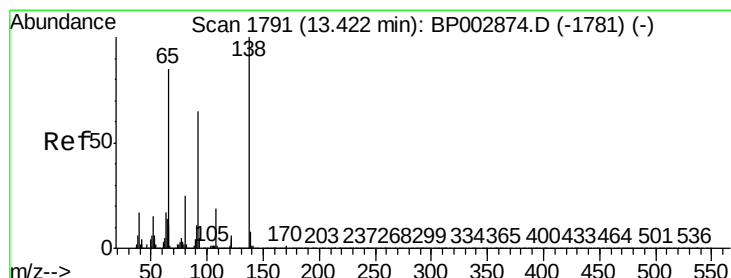
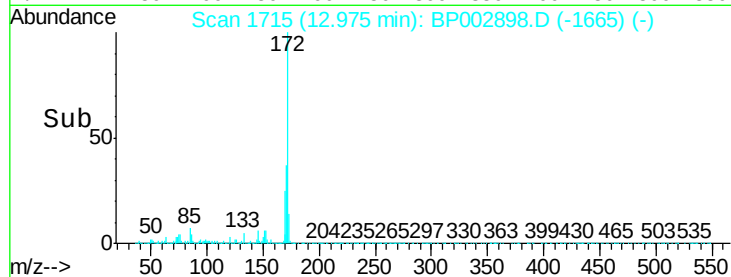
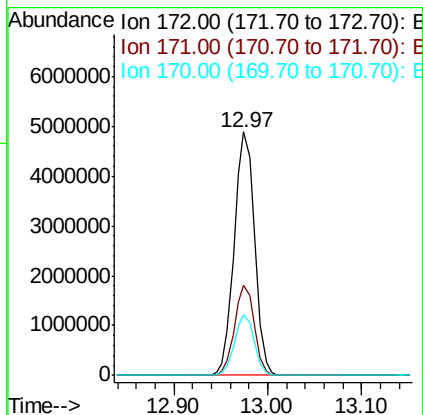
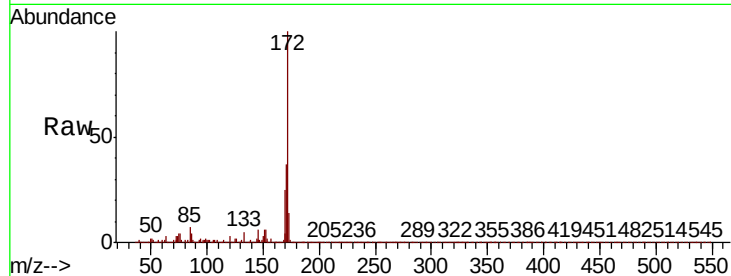




#45
2-Fluorobiphenyl
Concen: 83.223 ng
RT: 12.97 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

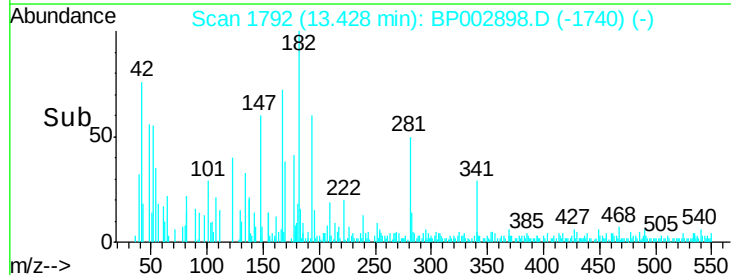
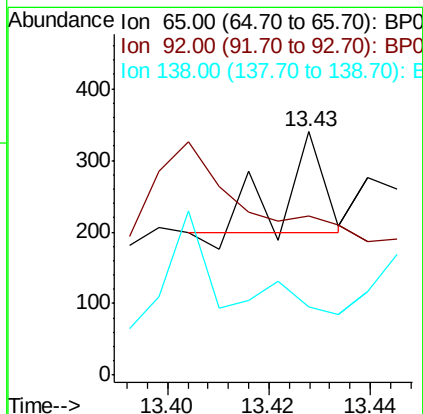
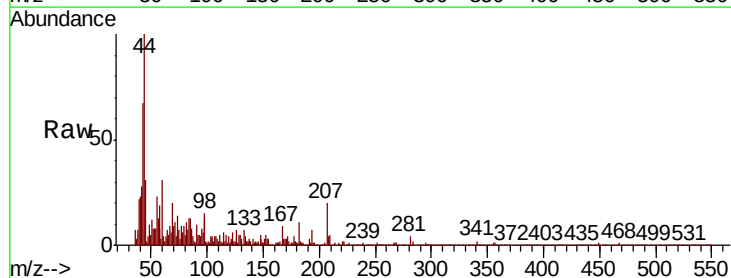
Instrument :
BNA_P
ClientSampleId :

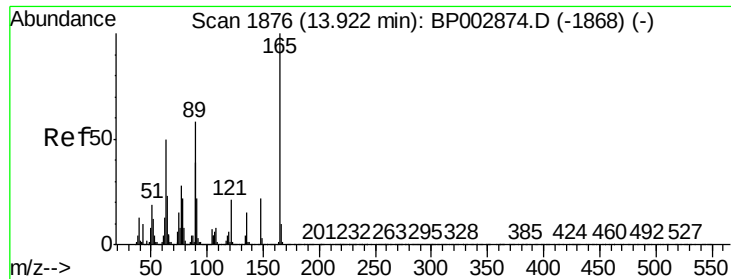
Tot Ion:172 Resp: 7351365
Ion Ratio Lower Upper
172 100
171 36.9 29.1 43.7
170 25.0 19.6 29.4



#48
2-Nitroaniline
Concen: 3.975 ng
RT: 13.43 min Scan# 1792
Delta R.T. 0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion: 65 Resp: 71
Ion Ratio Lower Upper
65 100
92 65.3 61.4 92.0
138 27.9 94.2 141.4#





#51

2,6-Dinitrotoluene

Concen: 2.909 ng

RT: 13.91 min Scan# 1874

Delta R.T. -0.01 min

Lab File: BP002898.D

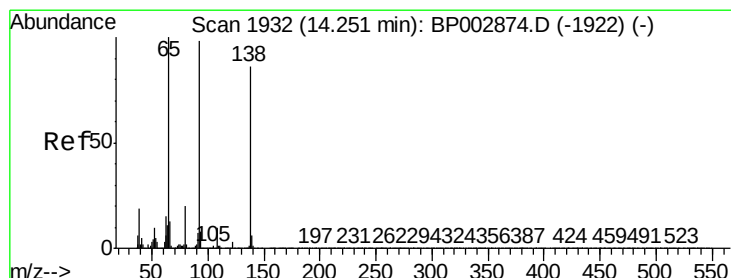
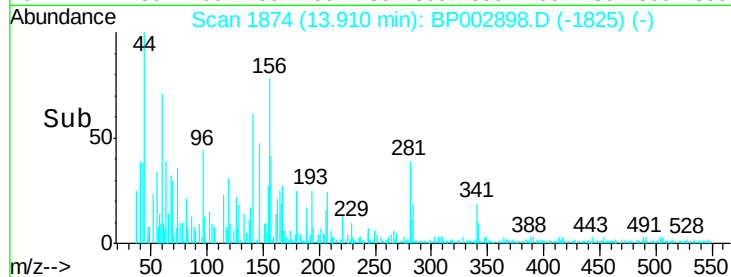
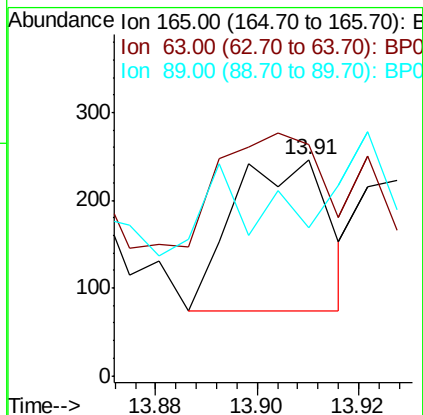
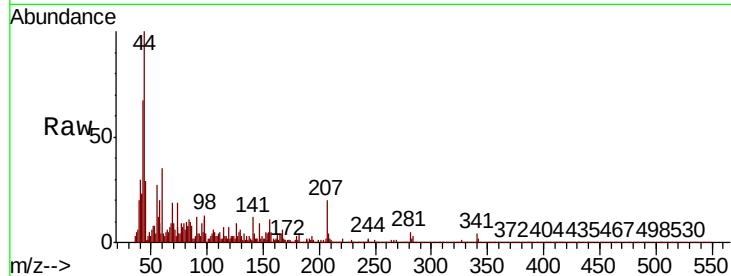
Acq: 31 Jul 2020 18:16

Instrument :

BNA_P

ClientSampleId :

Tot Ion:	165	Resp:	226
Ion	Ratio	Lower	Upper
165	100		
63	107.3	40.3	60.5#
89	105.3	46.5	69.7#



#53

3-Nitroaniline

Concen: 3.277 ng

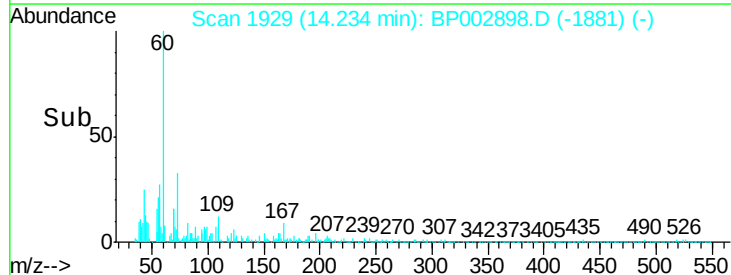
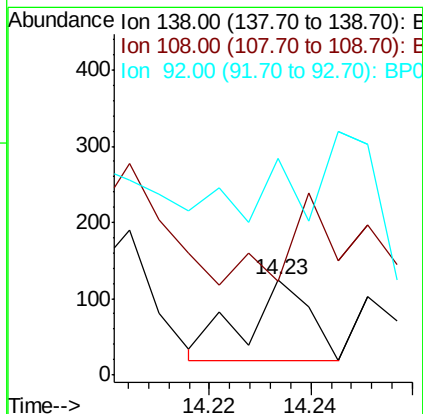
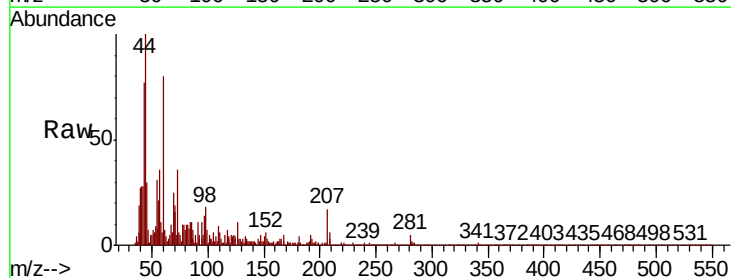
RT: 14.23 min Scan# 1929

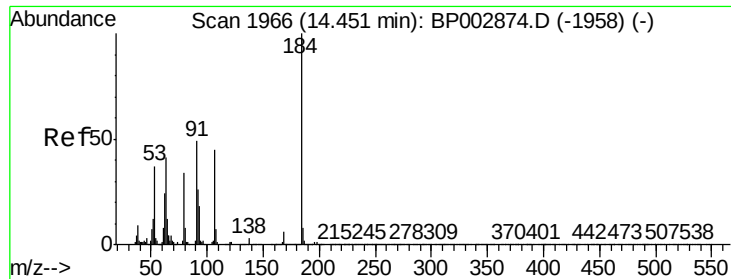
Delta R.T. -0.02 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Tgt Ion:	138	Resp:	93
Ion	Ratio	Lower	Upper
138	100		
108	98.4	9.4	14.0#
92	227.2	91.0	136.6#

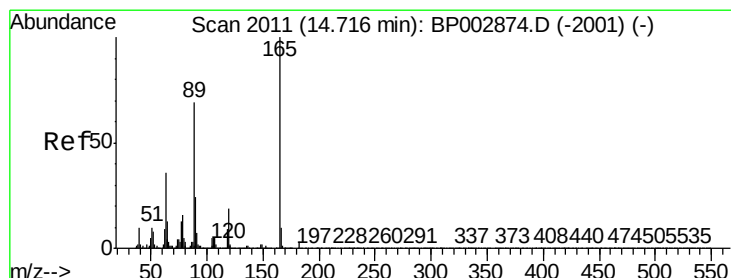
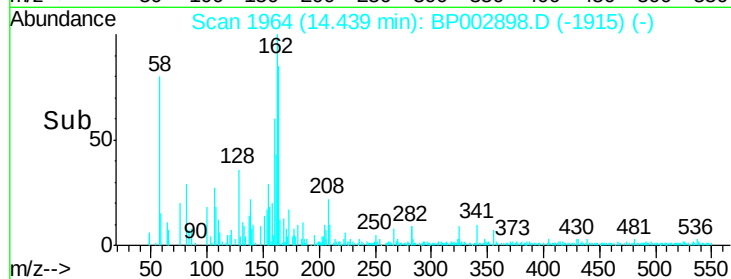
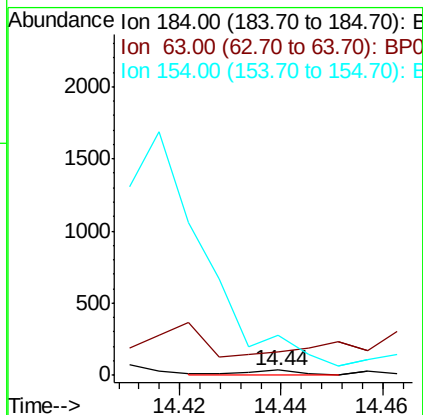
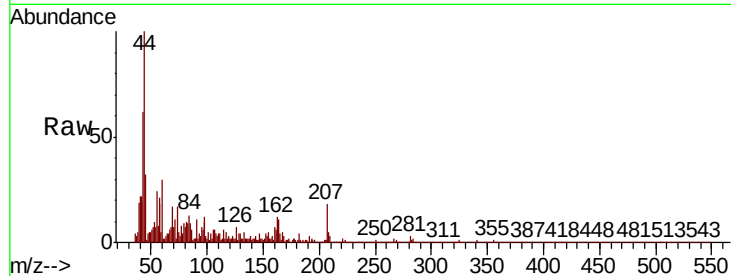




#54
2,4-Dinitrophenol
Concen: 8.059 ng
RT: 14.44 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

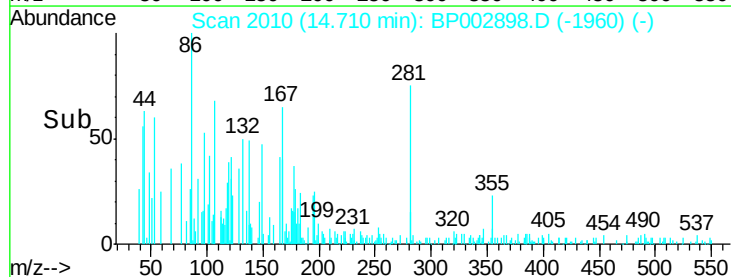
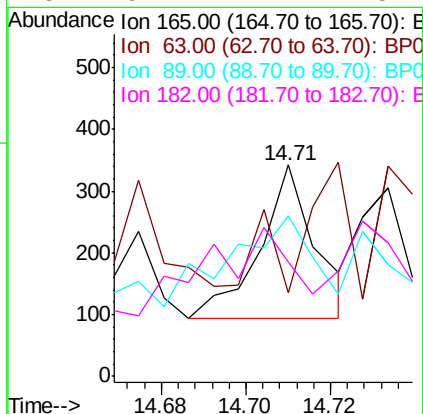
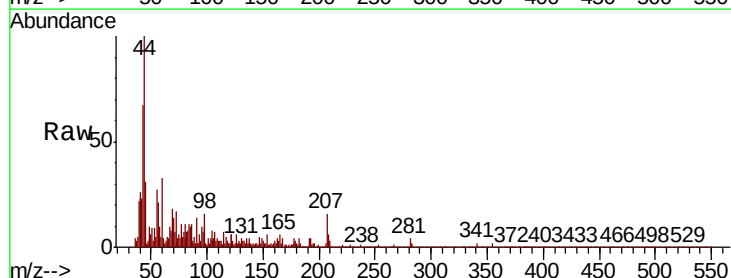
Instrument :
BNA_P
ClientSampleId :

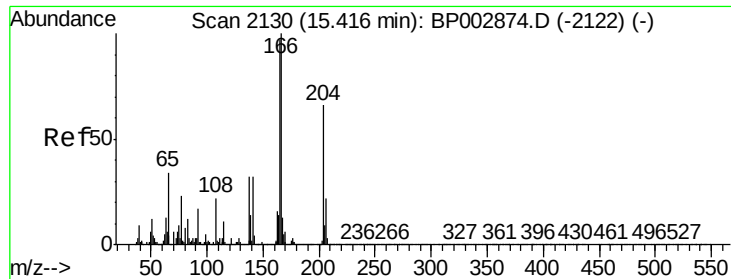
Tot Ion:184 Resp: 20
Ion Ratio Lower Upper
184 100
63 437.8 50.3 75.5#
154 759.5 50.6 76.0#



#57
2,4-Dinitrotoluene
Concen: 3.813 ng
RT: 14.71 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion:165 Resp: 226
Ion Ratio Lower Upper
165 100
63 39.5 29.0 43.4
89 75.7 55.5 83.3
182 54.1 2.2 3.4#

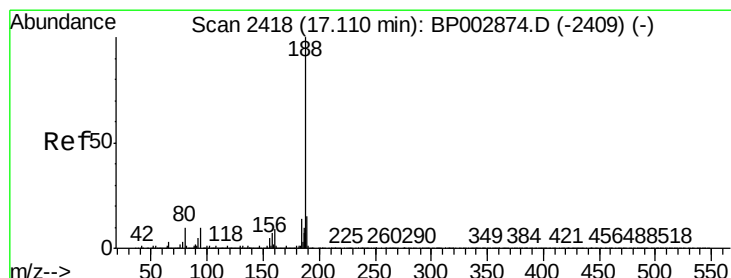
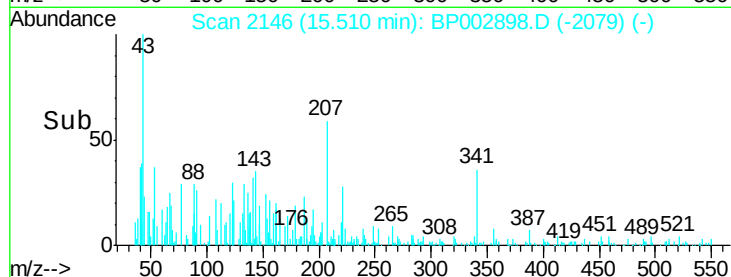
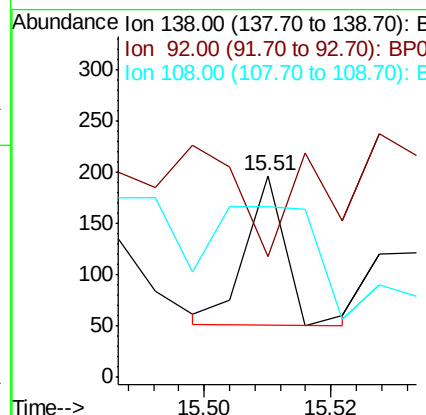
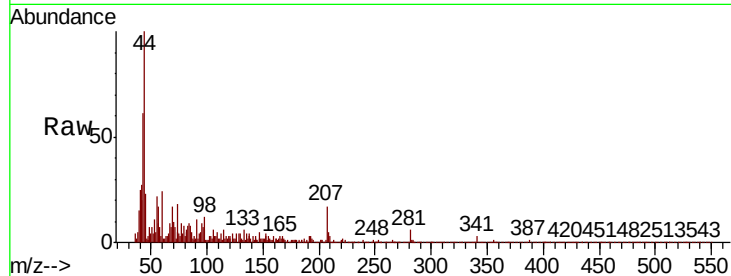




#62
4-Nitroaniline
Concen: 2.419 ng
RT: 15.51 min Scan# 2146
Delta R.T. 0.09 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

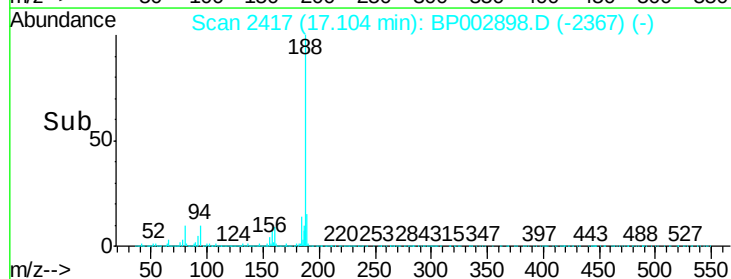
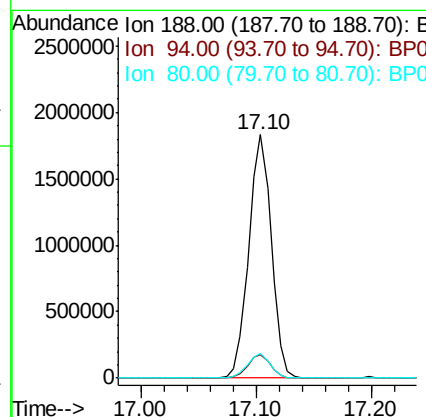
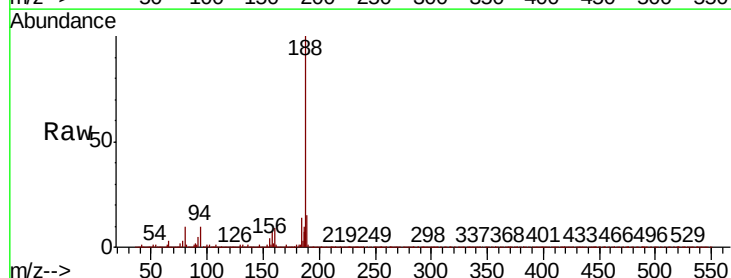
Instrument :
BNA_P
ClientSampled :

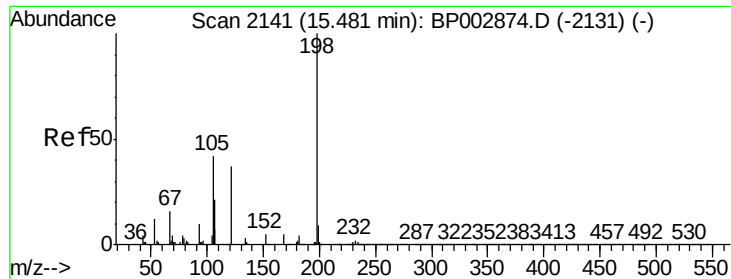
Tot Ion:138 Resp: 63
Ion Ratio Lower Upper
138 100
92 59.9 32.2 72.2
108 84.8 50.0 90.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Tgt Ion:188 Resp: 2488968
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 9.9 8.0 12.0

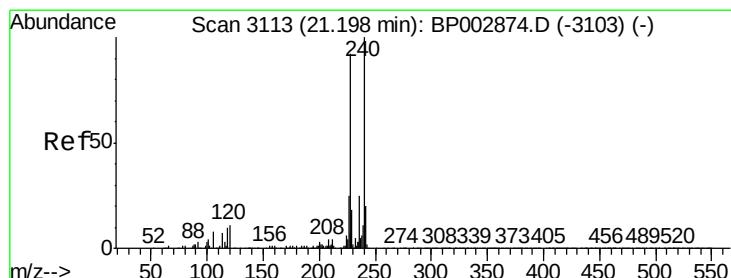
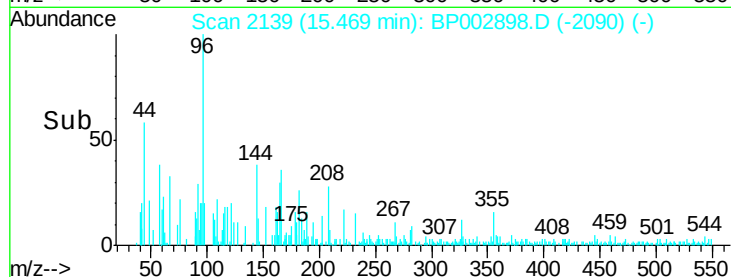
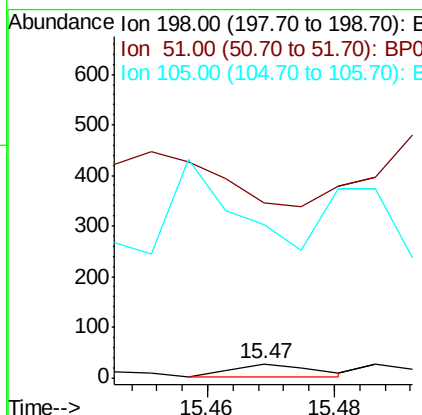
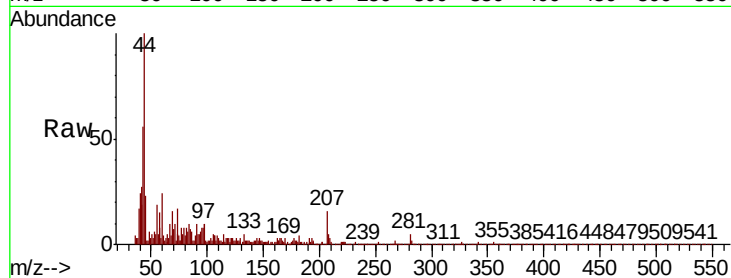




#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.902 ng
 RT: 15.47 min Scan# 2139
 Delta R.T. -0.01 min
 Lab File: BP002898.D
 Acq: 31 Jul 2020 18:16

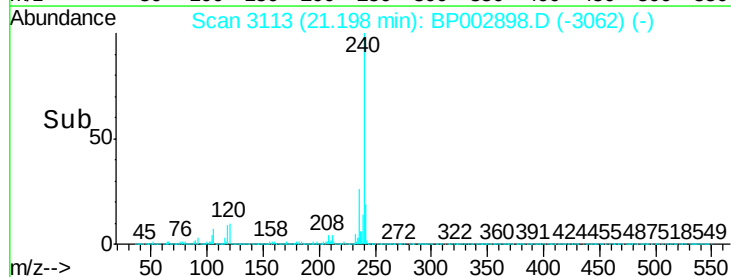
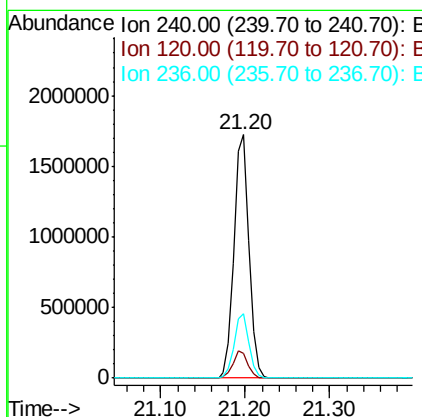
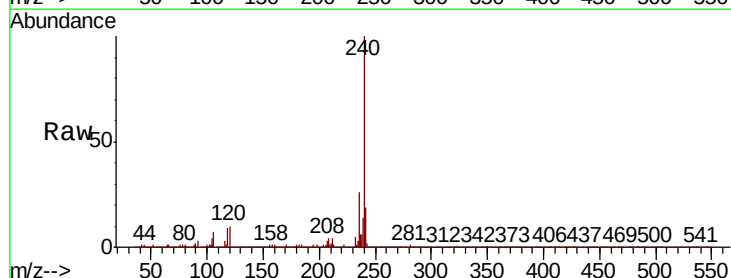
Instrument :
 BNA_P
 ClientSampleId :

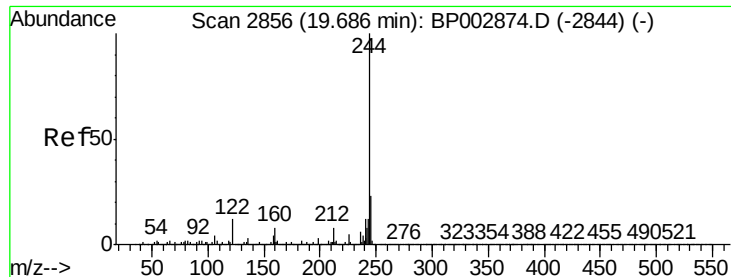
Tot Ion:198 Resp: 22
 Ion Ratio Lower Upper
 198 100
 51 1281.5 11.6 51.6#
 105 1118.5 23.8 63.8#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.20 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BP002898.D
 Acq: 31 Jul 2020 18:16

Tgt Ion:240 Resp: 2067051
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.9 13.3
 236 26.2 20.3 30.5





#79

Terphenyl-d14

Concen: 93.848 ng

RT: 19.69 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

Instrument :

BNA_P

ClientSampled :

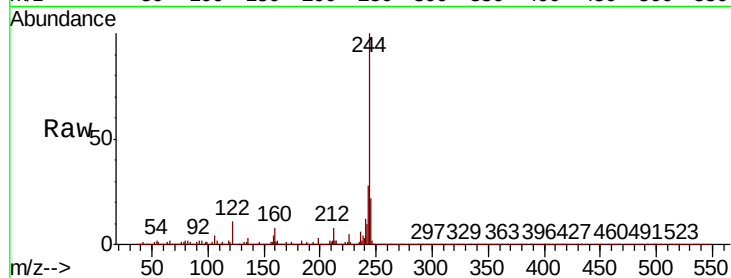
Tot Ion:244 Resp: 9689959

Ion Ratio Lower Upper

244 100

212 8.3 6.4 9.6

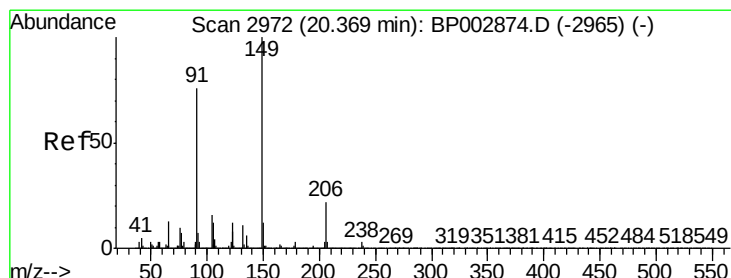
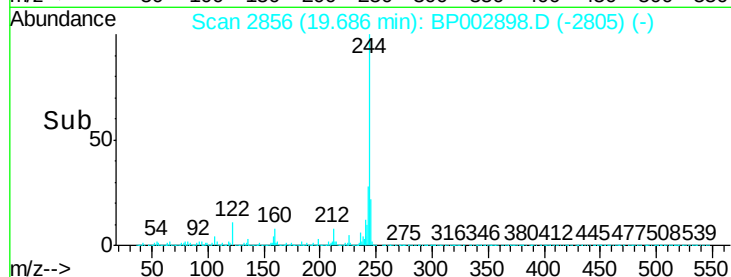
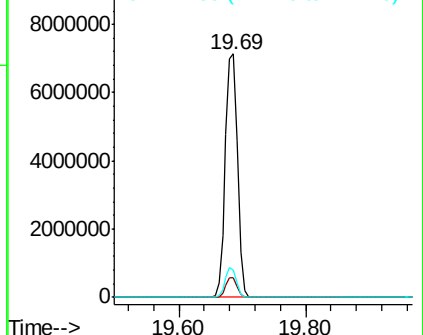
122 11.3 9.4 14.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 3.067 ng

RT: 20.36 min Scan# 2971

Delta R.T. -0.01 min

Lab File: BP002898.D

Acq: 31 Jul 2020 18:16

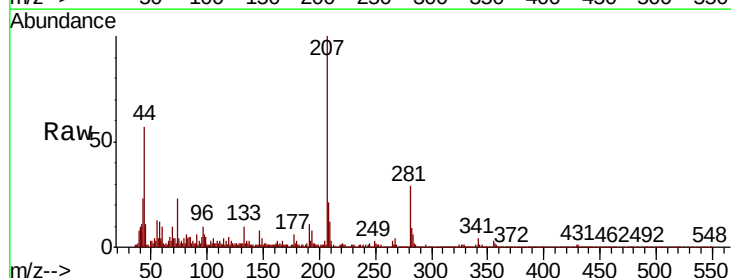
Tgt Ion:149 Resp: 561

Ion Ratio Lower Upper

149 100

91 145.3 60.5 90.7#

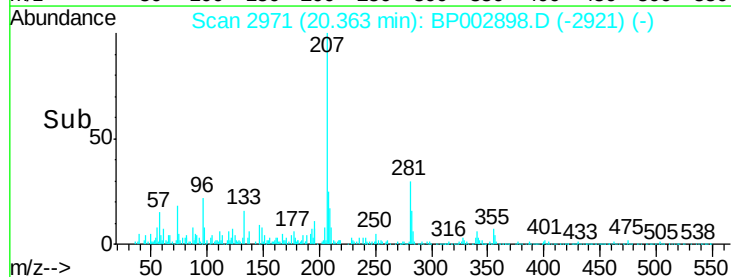
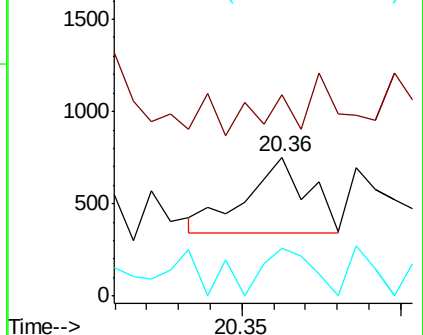
206 34.5 17.5 26.3#

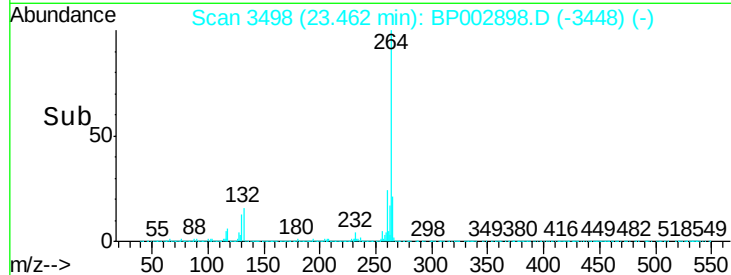
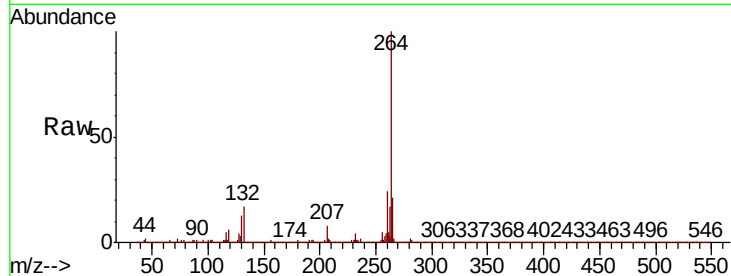
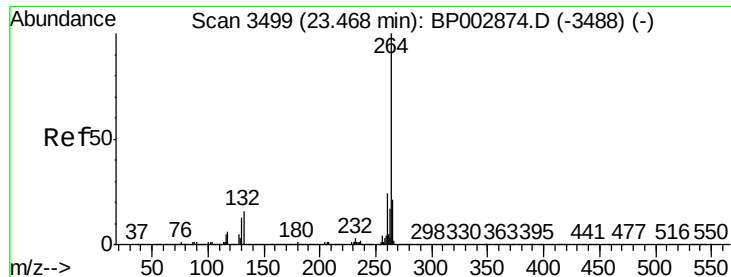


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BP002898.D
Acq: 31 Jul 2020 18:16

Instrument :
BNA_P
ClientSampleId :

Tot Ion:264 Resp: 1752822

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.0	28.6
265	21.2	17.0	25.4

